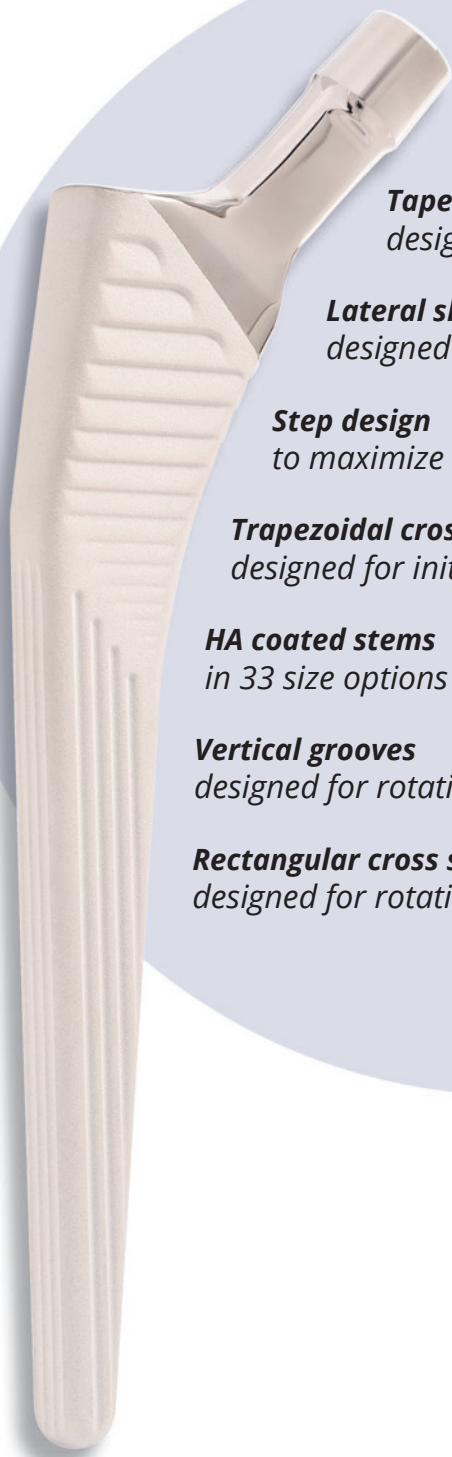


UNCEMENTED STEM



3 Offset Options

to facilitate restoration of hip biomechanics

Tapered neck

designed to increase range of motion

Lateral shoulder

designed for ease of insertion

Step design

to maximize compression loading in cancellous bone

Trapezoidal cross section

designed for initial stability

HA coated stems

in 33 size options

Vertical grooves

designed for rotational and axial stability

Rectangular cross section

designed for rotational stability

MATERIAL SPECIFICATIONS

STEM

- Titanium Alloy (Ti6Al4V- ELI) with Osprovit® Hydroxyapatite coating (155 μm) applied as a plasma spray

OSPROVIT® COATING DETAILS

- Surface roughness: $R_t > 30 \mu\text{m}$
- Coating thickness: $150 \pm 40 \mu\text{m}$
- Coating adhesion strength: $\geq 15 \text{ Mpa}$
- Crystallinity: $\geq 60\%$